

Amount of substance, high purity chemicals, Republic of China, NRCCRM (National Research Center of Certified Reference Materials)

| NMI Service Identifier | Measurement Service Sub-Category | Matrix | Measurand | | Dissemination Range of Measurement Capability | | | Range of Expanded Uncertainties as Disseminated | | | | Range of Certified Values in Reference Materials | | | Range of Expanded Uncertainties for Certified Value | | | | Mechanism(s) for Measurement Service Delivery |
|------------------------|----------------------------------|----------------------------------|----------------------|---------------|---|--------|------|---|-------|------|---|--|--------|------|---|-------|------|---|---|
| | | | Analyte or Component | Quantity | From | To | Unit | From | To | Unit | Is the expanded uncertainty a relative one? | From | To | Unit | From | To | Unit | Is the expanded uncertainty a relative one? | |
| HPC-00001 | Inorganic compounds | high purity sodium chloride | sodium chloride | Mass fraction | 99.995 | 99.995 | % | 0.005 | 0.005 | % | No | 99.995 | 99.995 | % | 0.005 | 0.005 | % | No | CRM GBW06103a |
| HPC-00002 | Inorganic compounds | high purity potassium dichromate | potassium dichromate | Mass fraction | 99.984 | 99.984 | % | 0.01 | 0.01 | % | No | 99.984 | 99.984 | % | 0.01 | 0.01 | % | No | CRM GBW06105b |
| HPC-00005 | Organic compounds | organic compounds | gamma-BHC | Mass fraction | 99.9 | 99.9 | % | 0.3 | 0.3 | % | No | 99.9 | 99.9 | % | 0.3 | 0.3 | % | No | CRM GBW06403a |
| HPC-00006 | Organic compounds | organic compounds | p,p'-DDT | Mass fraction | 100.00 | 100.00 | % | 0.3 | 0.3 | % | No | 100.00 | 100.00 | % | 0.3 | 0.3 | % | No | CRM GBW06405 |
| HPC-00007 | Organic compounds | organic compounds | p,p'-DDE | Mass fraction | 99.9 | 99.9 | % | 0.3 | 0.3 | % | No | 99.9 | 99.9 | % | 0.3 | 0.3 | % | No | CRM GBW06407 |
| HPC-00008 | Organic compounds | organic compounds | cholesterol | Mass fraction | 99.7 | 99.7 | % | 0.1 | 0.1 | % | No | 99.7 | 99.7 | % | 0.1 | 0.1 | % | No | CRM GBW09203b |

The expanded uncertainties correspond to $k = 2$ (level of confidence 95%)